



## UNITED STATES PATENT AND TRADEMARK OFFICE

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#### Fax Notes:

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Application#: 10/700,338      Attorney Docket#: WILLY-01013US0

Mr. Pomeranke,

Attached is a copy of our proposed amendment to put this application in condition of allowance. Please review and let me know your comments.

Thanks

Examiner Zheng Wei

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1. (proposed) A process for monitoring, comprising:

accessing a method;

automatically determining whether to modify said method, said step of automatically determining whether to modify said method includes automatically determining whether said method calls another method and whether said method has an access level that satisfies a criterion, wherein said criterion is one of levels of access control for said method provided by programming language (see for example, cited from specification, p.12, paragraph [0036], "Java provides for four levels of access control for method: public, private, protected and package" and related text); and

modifying said method for a particular purpose only if said method calls another method and said access level satisfies said criterion.

13. (proposed) A process for monitoring, comprising:

automatically determining which methods of a set of methods call one or more other methods and are synthetic, wherein said synthetic methods are compiler generated methods during compilation; and

using a first tracing mechanism for said methods that call one or more other methods and are not synthetic without using said first tracing mechanism for methods that do not call one or more other methods or are synthetic.

22. (proposed) One or more non-transitory processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a process comprising:

automatically determining which methods of a set of methods to modify, said step of determining includes automatically determining which methods call one or more other methods and have an access level of either public or package in the JAVA programming language; and

modifying for a particular purpose only those methods that call one or more other methods and have an access level of either public or package in the JAVA programming language.

33. (proposed) One or more non-transitory processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor

readable code for programming one or more processors to perform a process comprising:

automatically determining whether to trace a method, said step of determining includes automatically determining whether said method calls another method and if said method has an access level that satisfies a criterion, wherein said criterion is one of levels of access control for said method provided by programming language; and

tracing said method for a particular purpose only if said method calls another method and said access level satisfies the criterion.

40. (proposed) An apparatus capable of monitoring, comprising:

a storage device; and

one or more processors in communication with said storage device, said one or more processors perform a process comprising:

accessing a method,

determining whether said method calls one or more different methods and can be called by a sufficient scope of one or more other methods, wherein the sufficient scope comprises levels of access control for said method provided by programming language, and

tracing said method for a particular purpose only if said method calls one or more different methods and can be called by a sufficient scope of one or more other methods.